

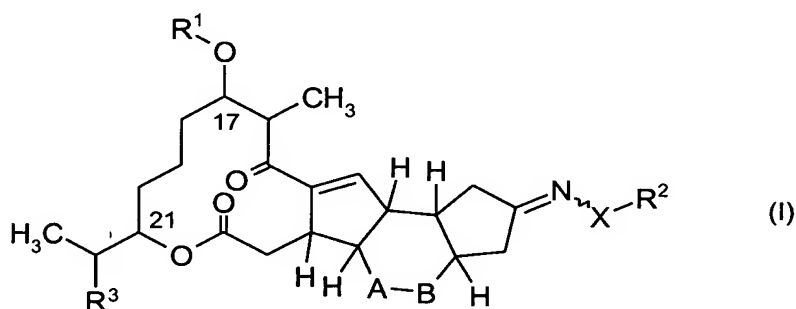
AMENDMENTS TO THE CLAIMS:

Please change the heading at page 126, line 1, from "Patent Claims:" to
--WHAT IS CLAIMED IS:--

The following listing of claims will replace all prior versions of claims in the application.

Claims 1-11 (canceled)

-- Claim 12 (new): A compound according to formula (I)



and salts thereof,

in which

X represents O, NH, or NR⁴,

R¹ represents hydrogen or an amino sugar,

R² represents hydrogen; represents optionally substituted alkyl, cycloalkyl, arylalkyl, hetarylalkyl, aryl, or hetaryl; or if X represents NH or NR⁴, represents CO-R' or CS-R', where R' represents amino or optionally substituted alkyl, alkylamino, dialkylamino, aryl, arylamino, hetarylamino, arylalkyl, hetaryl, or hetarylalkyl,

R³ represents hydrogen or hydroxy,

R⁴ represents optionally substituted alkyl or together with R² forms an optionally substituted 3-, 4-, 5-, 6-, 7-, or 8-membered ring that is optionally interrupted by one or more heteroatom(s) selected from the group consisting of O, S, SO, SO₂, NH, or NR⁵,

R⁵ represents optionally substituted alkyl, cycloalkyl, arylalkyl, hetarylalkyl, aryl, or hetaryl, and

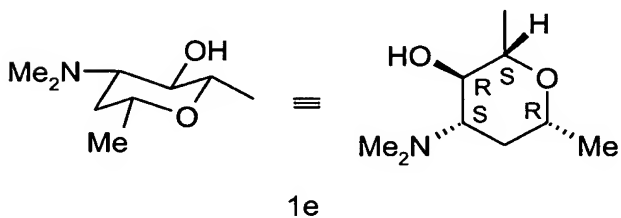
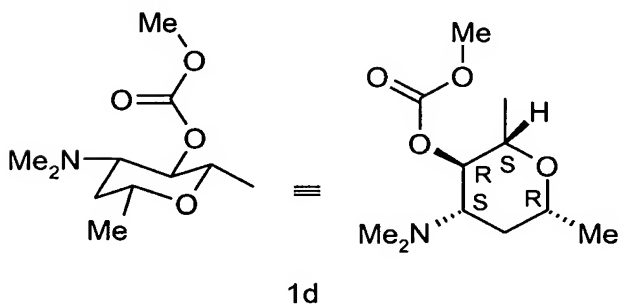
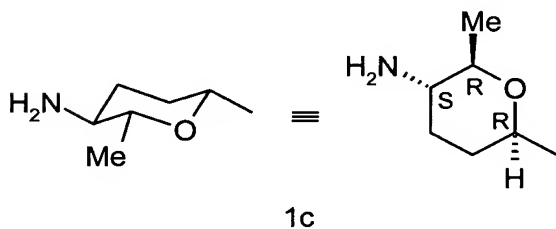
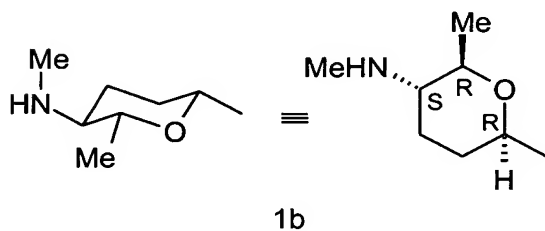
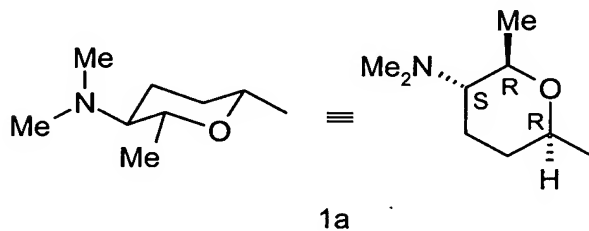
A-B represents -HC=CH-, -HC=C(CH₃)-, -H₂C-CH₂-, or -H₂C-CH(CH₃)-.

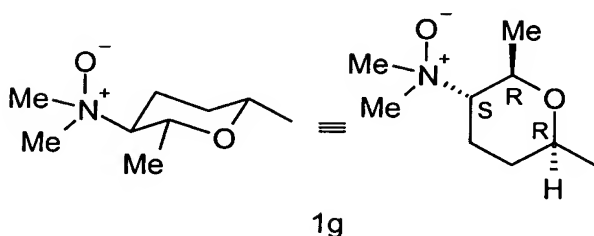
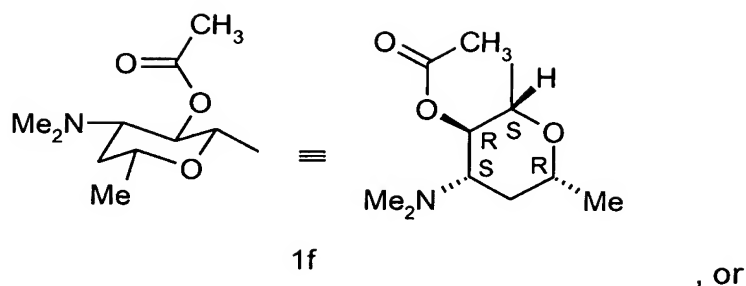
CS8558

Claim 13 (new): A compound according to Claim 12 wherein

X represents O, NH, or NMe,

R¹ represents hydrogen or an amino sugar according to one of the formulas 1a to 1g





R^2 represents optionally substituted aryl- C_1 - C_3 -alkyl or hetaryl- C_1 - C_3 -alkyl, wherein the substituents are selected from the group consisting of hydrogen, straight-chained or branched alkyl with up to 4 carbon atoms, halogenalkyl with up to 2 carbon atoms, alkenyl with up to 3 carbon atoms, cyclic alkyl with up to 6 carbon atoms, hydroxy, halogen, alkoxy, cycloalkoxy, alkenyloxy, dioxoalkylene, halogenalkoxy, alkylthio, halogenalkylthio, alkylsulphonyl, halogenalkylsulphonyl, hetarylsulphonyl, nitro, amino, a cyclic amino group, alkylamino, alkyleneamino, dialkylamino, carboxyl, carbamoyl, cyano, alkoxycarbonyl, alkyleneoxycarbonyl, N-alkoxycarbonyl-amino, cyano-alkylenecarbonylamino, N-alkyleneoxycarbonylamino, N-alkylsulphonylamino, N-alkylenesulphonylamino, optionally substituted arylsulphonylamino, N-alkoxycarbonyl-N-alkyl-amino, N-alkyleneoxycarbonyl-N-alkylamino, N-alkylcarbonyl-N-alkylamino, N-cycloalkylcarbonylamino, N-cyclobutylamino, N-alkoxycarbonyl-N-alkylsulphonylamino, N-alkyleneoxycarbonyl-N-alkylsulphonylamino, N-alkylcarbonyl-N-alkylsulphonylamino, N-cycloalkylcarbonyl-N-alkylsulphonylamino, alkylaminocarbonylamino, N,N-dialkylaminocarbonylamino, N-alkylaminosulphonylamino, and N,N-dialkylaminosulphonylamino, or if X represents NH or NMe, represents $CO-R'$ or $CS-R'$, where R' represents amino or optionally substituted C_1 - C_4 -alkyl, C_1 - C_4 -alkylamino, di- C_1 - C_4 -alkylamino, aryl, arylamino, hetarylamino, aryl- C_1 - C_3 -alkyl, hetaryl, or hetaryl- C_1 - C_3 -alkyl,

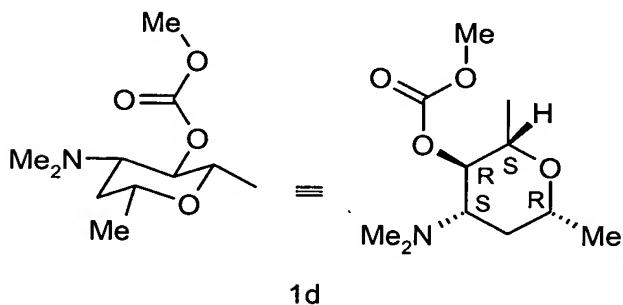
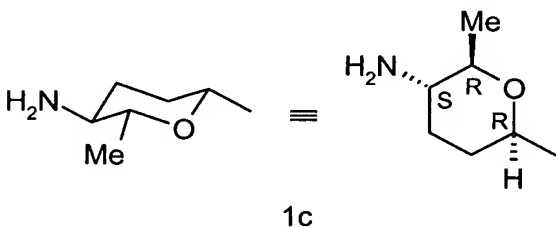
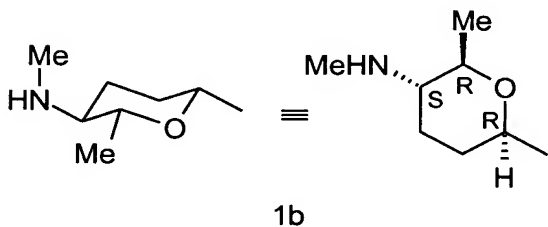
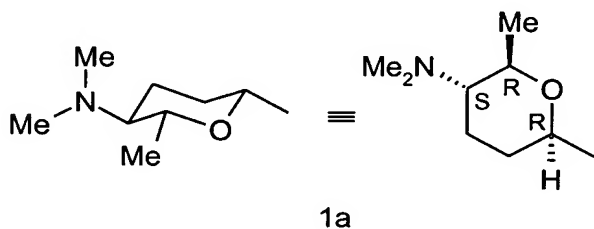
R^4 represents optionally substituted C_1 - C_4 -alkyl or together with R^2 forms an optionally substituted 6-membered ring that is optionally interrupted by O, S or NR^5 , and

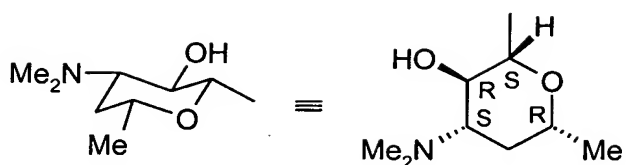
R^5 represents optionally substituted C_1 - C_4 -alkyl.

Claim 14 (new): A compound according to Claim 12 wherein

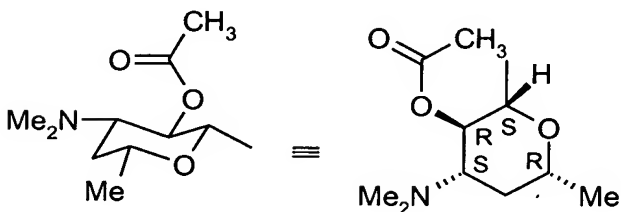
X represents O, NH, or NMe,

R^1 represents hydrogen or an amino sugar according to one of the formulas 1a to 1g



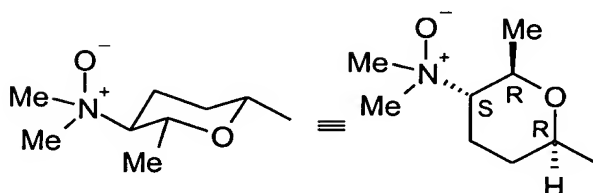


1e



1f

, or



1g

R^2 represents benzyl, 1-phenyl-ethyl, 2-phenyl-ethyl, 3-phenyl-propyl, 2-phenyl-propyl, 2-phenyl-isopropyl, 1-methyl-2-phenyl-ethyl, hetaryl-methyl, 1-hetaryl-ethyl, 2-hetaryl-ethyl, 3-hetaryl-propyl, 2-hetaryl-propyl, 2-hetaryl-isopropyl, or 1-methyl-2-hetaryl-ethyl, wherein the substituents are selected from the group consisting of hydrogen, methyl, ethyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, trifluoromethyl, difluorochloromethyl, pentafluoroethyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, hydroxy, bromine, chlorine, fluorine, iodine, methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, sec-butoxy, tert-butoxy, cyclopropyloxy, allyloxy, dioxomethylene, trifluoromethoxy, methylthio, trifluoromethylthio, methylsulphonyl, trifluoromethylsulphonyl, N-morpholinosulphonyl, N-pyrazolylsulphonyl, nitro, amino, N-pyrrolidino, N-piperidino, N-morpholino, N-(2,6-dimethyl-morpholino), N-methyl-piperazino, N-thiomorpholino, N-dioxothiomorpholino, methylamino, ethylamino, propylamino, isopropylamino, butylamino, sec-butylamino, isobutylamino, tert-butylamino, propyleneamino, dimethylamino, diethylamino, carboxyl, carbamoyl, cyano, methoxycarbonyl, ethoxycarbonyl, propyloxycarbonyl, isopropyloxycarbonyl, butyloxycarbonyl, sec-butyloxycarbonyl,

isobutyloxycarbonyl, tert-butyloxycarbonyl, propyleneoxycarbonyl, N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-butyloxycarbonylamino, N-sec-butyloxycarbonylamino, N-isobutyloxycarbonylamino, N-tert-butyloxycarbonylamino, cyanomethylenecarbonylamino, cyanoethylenecarbonylamino, N-propyleneoxycarbonylamino, N-methylsulphonylamino, N-ethylsulphonylamino, N-propylsulphonylamino, N-isopropylsulphonylamino, N-butylsulphonylamino, N-sec-butylsulphonylamino, N-isobutylsulphonylamino, N-tert-butylsulphonylamino, N-propylenesulphonylamino, 4-trifluoromethyl-phenylsulphonylamino, N-methoxycarbonyl-N-methylamino, N-methoxycarbonyl-N-ethylamino, N-ethoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-ethylamino, N-propyloxycarbonyl-N-methylamino, N-propyloxycarbonyl-N-ethylamino, N-isopropyloxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-ethylamino, N-butyloxycarbonyl-N-methylamino, N-butyloxycarbonyl-N-ethylamino, N-sec-butyloxycarbonyl-N-methylamino, N-sec-butyloxycarbonyl-N-ethylamino, N-isobutyloxycarbonyl-N-methylamino, N-isobutyloxycarbonyl-N-ethylamino, N-tert-butyloxycarbonyl-N-methylamino, N-tert-butyloxycarbonyl-N-ethylamino, N-propyleneoxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-ethylamino, N-methylcarbonyl-N-methylamino, N-methylcarbonyl-N-ethylamino, N-ethylcarbonyl-N-methylamino, N-ethylcarbonyl-N-ethylamino, N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-cyclobutylamino, N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-ethoxycarbonyl-N-methylsulphonylamino, N-ethoxycarbonyl-N-ethylsulphonylamino, N-propyloxycarbonyl-N-methylsulphonylamino, N-propyloxycarbonyl-N-ethylsulphonylamino, N-isopropyloxycarbonyl-N-methylsulphonylamino, N-isopropyloxycarbonyl-N-ethylsulphonylamino, N-butyloxycarbonyl-N-methylsulphonylamino, N-butyloxycarbonyl-N-ethylsulphonylamino, N-sec-butyloxycarbonyl-N-methylsulphonylamino, N-sec-butyloxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-isobutyloxycarbonyl-N-ethylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-ethylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino,

N-methylcarbonyl-N-methylsulphonylamino, N-methylcarbonyl-N-ethylsulphonylamino, N-ethylcarbonyl-N-methylsulphonylamino, N-ethylcarbonyl-N-ethylsulphonylamino, N-cyclopropylcarbonyl-N-methylsulphonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonylamino, N-cyclobutyl-N-methylsulphonylamino, N-methylaminocarbonylamino, N-ethylaminocarbonylamino, N,N-dimethylaminocarbonylamino, N-methylaminosulphonylamino, and N,N-dimethylaminosulphonylamino, or

if X represents NH or NMe, represents CO-R' or CS-R', where R' represents amino or optionally substituted C₁-C₄-alkyl, C₁-C₄-alkylamino, di-C₁-C₄-alkylamino, aryl, arylamino, hetarylamino, aryl-C₁-C₃-alkyl, hetaryl, or hetaryl-C₁-C₃-alkyl,

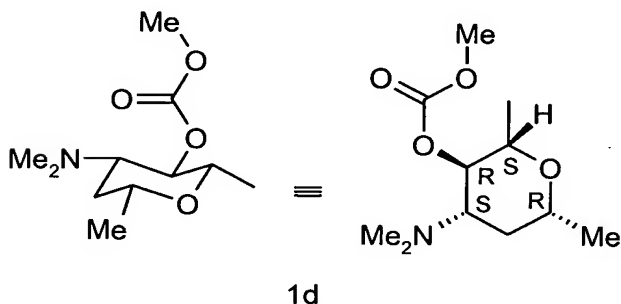
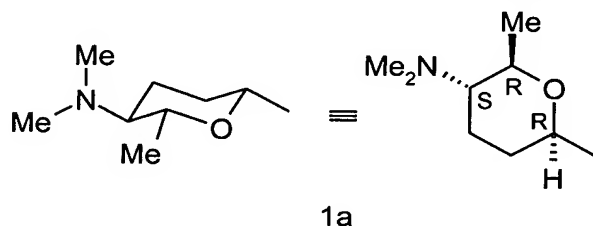
R⁴ represents optionally substituted C₁-C₄-alkyl or together with R² forms an optionally substituted 6-membered ring that is optionally interrupted by O, S or NR⁵, and

R⁵ represents optionally substituted C₁-C₄-alkyl.

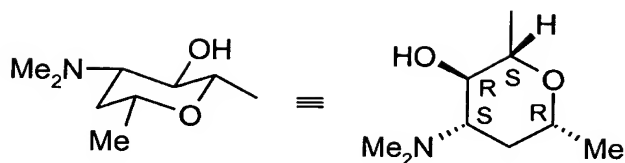
Claim 15 (new): A compound according to Claim 12 wherein

X represents O or NH,

R¹ represents hydrogen or an amino sugar according to formulas 1a, 1d, or 1e



, or



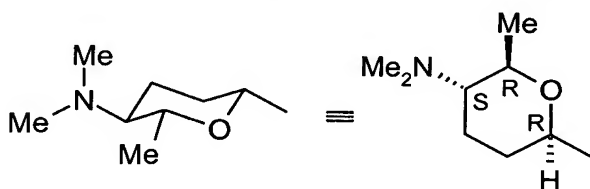
1e

R^2 represents aryl- C_1 - C_3 -alkyl or hetaryl- C_1 - C_3 -alkyl that are optionally substituted by moieties selected from the group consisting of hydrogen, straight-chained or branched alkyl with up to 4 carbon atoms, halogenalkyl, hydroxy, halogen, alkoxy, halogenalkoxy, alkylthio, halogenalkylthio, alkylsulphonyl, halogenalkylsulphonyl, nitro, amino, alkylamino, N-alkoxycarbonylamino, N-alkyleneoxycarbonylamino, N-alkylsulphonylamino, N,N-alkoxycarbonyl-N-alkylamino, N-alkyleneoxycarbonyl-N-alkylamino, N-alkylcarbonyl-N-alkylamino, N-cycloalkylcarbonylamino, N-alkoxycarbonyl-N-alkylsulphonylamino, N-alkyleneoxycarbonyl-N-alkylsulphonyl-amino, N-alkylcarbonyl-N-alkylsulphonylamino, N-cycloalkylcarbonyl-N-alkylsulphonyl-amino, alkylaminocarbonylamino, N,N-dialkylaminocarbonylamino, N-alkylaminosulphonylamino, and N,N-dialkylaminosulphonylamino, or if X represents NH or NMe, represents $CO-R'$ or $CS-R'$, where R' represents amino, arylamino, or hetarylamino.

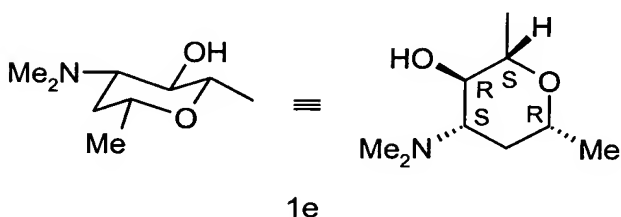
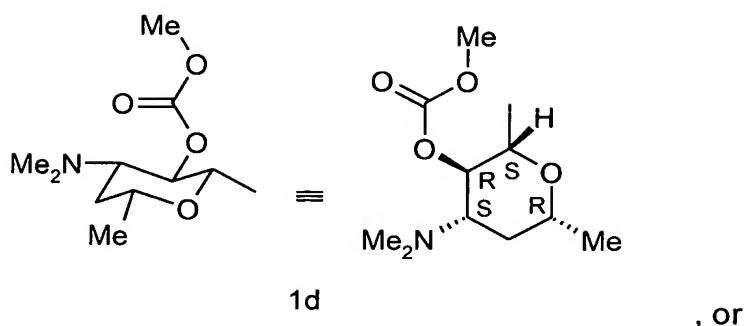
Claim 16 (new): A compound according to Claim 12 wherein

X represents O or NH,

R^1 represents hydrogen or an amino sugar according to formulas 1a, 1d, or 1e



1a



R^2 represents benzyl, 1-phenylethyl, pyridylmethyl, pyrimidylmethyl, pyridazinylmethyl, pyrazylmethyl, furylmethyl, thiazolylmethyl, pyrazolylmethyl, oxazolylmethyl, isoxazolylmethyl, thiazolylmethyl, imidazolylmethyl, triazolylmethyl, tetrazolylmethyl, dihydrodioxazinylmethyl, 1-pyridylethyl, 1-pyrimidylethyl, 1-pyridazinylethyl, 1-pyrazylethyl, 1-furylethyl, 1-thiazolylethyl, 1-pyrazolylethyl, 1-oxazolylethyl, 1-isoxazolylethyl, 1-thiazolylethyl, 1-imidazolylethyl, 1-triazolylethyl, 1-tetrazolylethyl, or 1-dihydrodioxazinylethyl, each of which is optionally substituted by moieties selected from the group consisting of hydrogen, methyl, ethyl, propyl, tert-butyl, trifluoromethyl, hydroxy, bromine, chlorine, fluorine, iodine, methoxy, ethoxy, tert-butoxy, trifluoromethoxy, methylthio, trifluoromethylthio, methylsulphonyl, trifluoromethylsulphonyl, nitro, amino, methylamino, ethylamino, N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-butyloxycarbonylamino, N-sec-butyloxycarbonylamino, N-isobutyloxy-carbonylamino, N-tert-butyloxycarbonylamino, N-propyleneoxycarbonylamino, N-methylsulphonylamino, N-ethylsulphonylamino, N-propylsulphonylamino, N-isopropylsulphonylamino, N-butylysulphonylamino, N-sec-butylysulphonylamino, N-isobutylysulphonylamino, N-tert-butylysulphonylamino, N-methoxy-carbonyl-N-methylamino, N-methoxy-carbonyl-N-ethylamino, N-ethoxy-carbonyl-N-methylamino, N-ethoxycarbonyl-N-ethylamino, N-propyloxy-carbonyl-N-methylamino, N-propyloxycarbonyl-N-ethylamino, N-isopropyloxy-carbonyl-N-methylamino, N-isopropyloxycarbonyl-N-ethylamino, N-butyloxy-

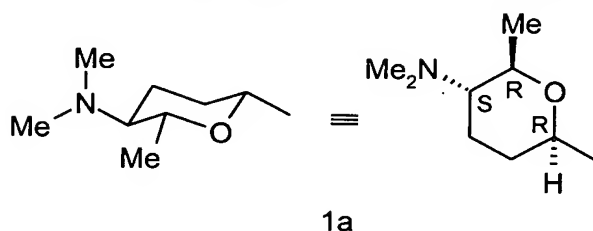
carbonyl-N-methylamino, N-butyloxycarbonyl-N-ethylamino, N-sec-butyloxycarbonyl-N-methylamino, N-sec-butyloxycarbonyl-N-ethyl-amino, N-isobutyloxycarbonyl-N-methylamino, N-isobutyloxycarbonyl-N-ethylamino, N-tert-butyloxycarbonyl-N-methylamino, N-tert-butyloxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-methylamino, N-methylcarbonyl-N-methyl-amino, N-methylcarbonyl-N-ethylamino, N-ethylcarbonyl-N-methyl-amino, N-ethylcarbonyl-N-ethylamino, N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-cyclobutylamino, N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-ethoxycarbonyl-N-methylsulphonylamino, N-ethoxycarbonyl-N-ethylsulphonylamino, N-propyloxycarbonyl-N-methylsulphonyl-amino, N-propyloxycarbonyl-N-ethylsulphonylamino, N-isopropyloxycarbonyl-N-methylsulphonylamino, N-isopropyloxycarbonyl-N-ethylsulphonylamino, N-butyloxycarbonyl-N-methyl-sulphonylamino, N-butyloxycarbonyl-N-ethylsulphonylamino, N-sec-butyloxycarbonyl-N-methylsulphonylamino, N-sec-butyloxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-isobutyloxycarbonyl-N-ethylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-methylcarbonyl-N-methylsulphonyl-amino, N-methylcarbonyl-N-ethylsulphonyl-amino, N-ethylcarbonyl-N-methylsulphonylamino, N-ethylcarbonyl-N-ethylsulphonylamino, N-cyclopropylcarbonyl-N-methylsulphonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonylamino, N-cyclobutyl-N-methylsulphonylamino, N-methylaminocarbonylamino, N-ethyl-aminocarbonylamino, N,N-dimethylaminocarbonylamino, N-methylaminosulphonylamino, and N,N-dimethylaminosulphonylamino, or

if X represents NH or NMe, represents CO-R' or CS-R', where R' represents amino, trifluoromethoxyphenylamino, trifluoromethylphenylamino, chlorophenylamino, bromopyridylamino, or trifluoromethylpyridylamino.

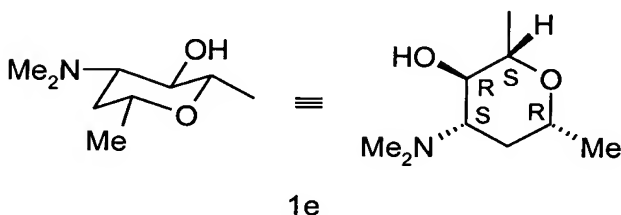
Claim 17 (new): A compound according to Claim 12 wherein

X represents O,

R¹ represents hydrogen or an amino sugar according to formulas 1a or 1e



or

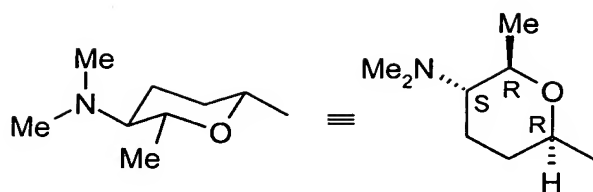


R² represents benzyl, 1-phenylethyl, or hetarylmethyl, each of which is optionally substituted by moieties selected from the group consisting of hydrogen, methyl, tert-butyl, trifluoromethyl, bromine, chlorine, fluorine, methoxy, trifluoromethoxy, nitro, amino, methylamino, ethylamino, N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-tert-butyloxycarbonylamino, N-propyleneoxycarbonylamino, N-methylsulphonylamino, N-ethylsulphonylamino, N-methoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-methylamino, N-tert-butyloxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-methylamino, N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-cyclopropylcarbonyl-N-methylsulphonyl-amino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonyl-amino, N,N-dialkylaminocarbonylamino, N-methylaminosulphonylamino, and N,N-dialkylaminosulphonylamino.

Claim 18 (new): A compound according to Claim 12 wherein

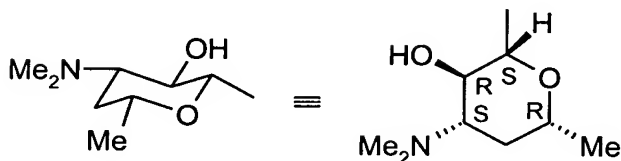
X represents O,

R¹ represents hydrogen or an amino sugar according to formulas 1a or 1e



1a

or

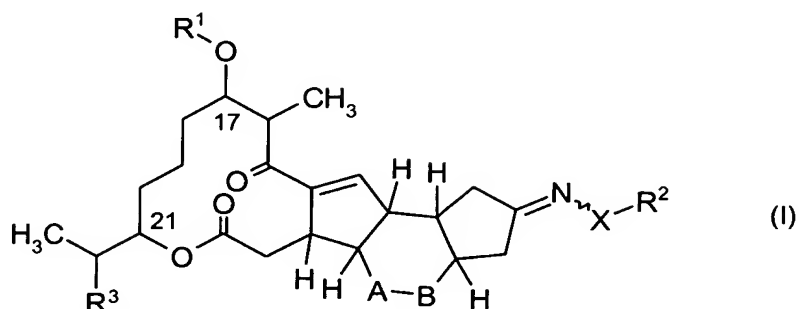


1e

R^2 represents benzyl, 1-phenylethyl, pyridylmethyl, pyridazinylmethyl, thiazolylmethyl, pyrazolylmethyl, isoxazolylmethyl, imidazolylmethyl, dihydrodioxazinylmethyl, 1-pyridylethyl, 1-thiazolyethyl, or 1-dihydrodioxazinyethyl, each of which is optionally substituted by moieties selected from the group consisting of hydrogen, methyl, tert-butyl, trifluoromethyl, bromine, chlorine, fluorine, methoxy, trifluoromethoxy, nitro, amino, methylamino, ethylamino, N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-tert-butyl-oxycarbonylamino, N-propyleneoxycarbonylamino, N-methylsulphonylamino, N-ethylsulphonylamino, N-methoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-methylamino, N-tert-butyl-oxycarbonyl-N-methylamino, N-propyleneoxy-carbonyl-N-methylamino, N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-tert-butyl-oxycarbonyl-N-methylsulphonylamino, N-tert-butyl-oxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-cyclopropylcarbonyl-N-methylsulphonyl-amino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonyl-amino, N,N-dialkylaminocarbonylamino, N-methylaminosulphonylamino, and N,N-dialkylaminosulphonylamino.

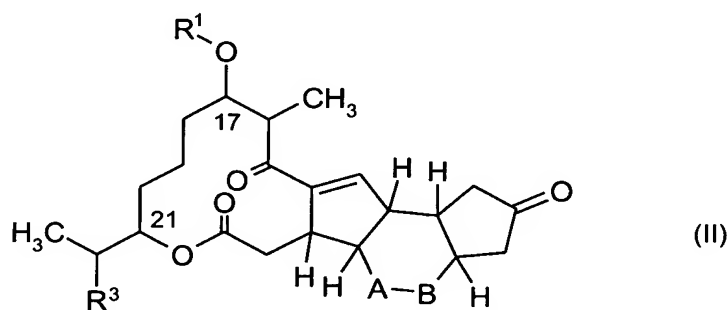
Claim 19 (new): A compound according to Claim 12 wherein A-B represents -HC=CH- or -H₂C-CH₂-.

Claim 20 (new): A process for the manufacture of a compound of formula (I) according to Claim 12

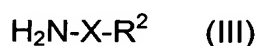


and derived salts thereof,

in which R¹, R², R³, X, and A-B have the meanings specified in Claim 12, comprising reacting a compound of formula (II)



in which R¹, R³, and A-B have the meanings specified for formula (I), with an amino compound of formula (III)



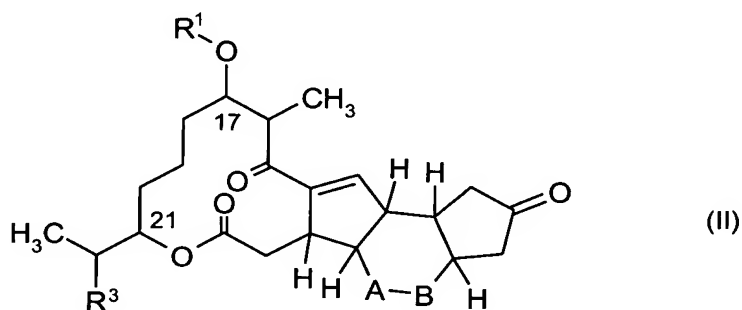
in which R² and X have the meanings specified for formula (I), in the presence of a basic catalyst and, if applicable, in the presence of a diluent.

Claim 21 (new): An agent for controlling animal pests comprising one or more compounds according to formula (I) of Claim 12 and one or more extenders and/or surfactants.

Claim 22 (new): A method for controlling animal pests comprising applying an effective amount of one or more compounds according to formula (I) of Claim 12 to the animal pests and/or their habitat.

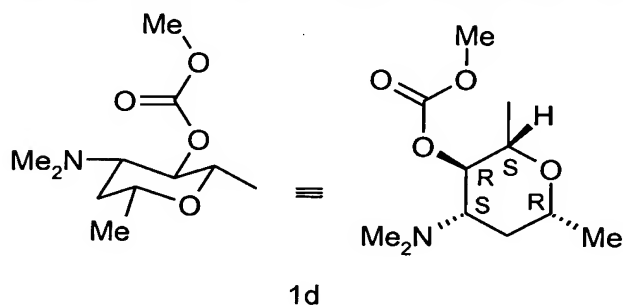
Claim 23 (new): A process for the manufacture of agents for controlling pests comprising mixing one or more compounds according to Claim 12 with one or more extenders and/or surfactants.

Claim 24 (new): A compound according to formula (II)

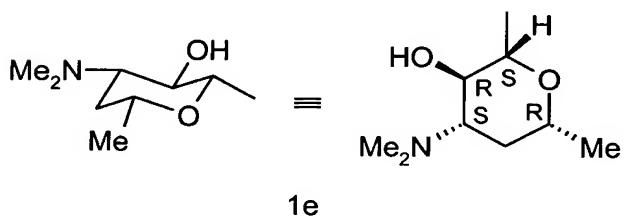


in which

R^1 represents an amino sugar according to formulas 1d or 1e



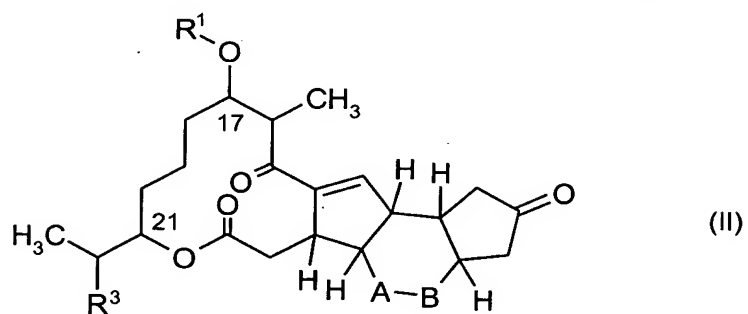
or



R^3 represents hydrogen or hydroxy, and

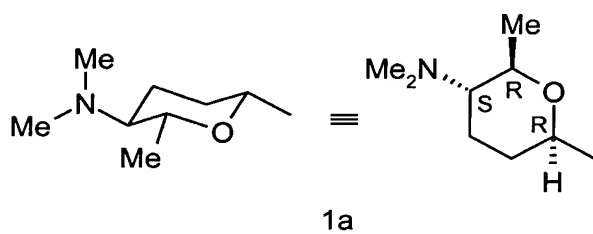
A-B represents $-HC=CH-$, $-HC=C(CH_3)-$, $-H_2C-CH_2-$, or $-H_2C-CH(CH_3)-$.

Claim 25 (new): A compound according to formula (II)



in which

R¹ represents an amino sugar according to formula 1a



R³ represents hydrogen or hydroxy, and

A-B represents -HC=C(CH₃)-, -H₂C-CH₂-, or -H₂C-CH(CH₃)-.